

ABSTRACT OF THE DISCLOSURE

A display panel includes a resin lens layer. The display panel consists of a front panel 10 and a back panel 12 which are 5 hermetically sealed together. The display panel also includes a plurality of display cells and is filled with a gas. A visible-light transparent resin is coated over the front surface of the front panel 10. The resin layer is raise-molded with a molding tool 16 while being solidified. Through this molding process, a resin lens 10 layer 14 with plural lenses is formed on the front surface of the front panel 10. The resin lens layer 14 formed on the front surface of the front panel 10 can improve the brightness of the display cells.